

FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. TETRAGN.002A	APPLICATION NO. 09/471,703
INFORMATION DISCLOSURE STATEMENT BY APPLICANT		APPLICANT Irena N. Merenkova	O I P E APR 17 2003 P A T E N T & T R A D E M A R K O F F I C E GROUP 1634
(USE SEVERAL SHEETS IF NECESSARY)		FILING DATE December 23, 1999	

U.S. PATENT DOCUMENTS						
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (IF APPROPRIATE)
LBA	5,518,900	05/21/96	Nikiforov et al.	435	91.1	
LBA	5,763,184	06/09/98	Reynolds et al.	435	6	
LBA	5,811,239	09/22/98	Frayne	435	6	
LBA	5,849,487	12/15/98	Hase et al.	435	6	
LBA	5,849,542	12/15/98	Reeve et al.	435	91.1	
LBA	5,885,775	03/23/99	Haff et al.	435	6	
LBA	5,925,520	07/20/99	Tully et al.	435	6	

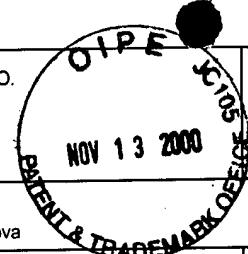
FOREIGN PATENT DOCUMENTS						
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION
						YES NO

EXAMINER INITIAL	OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)
LBA	Liu et al., <i>Cancer Research</i> 54: 4590-4594, 1994 "hMSH2 Mutations in Hereditary Nonpolyposis Colorectal Cancer Kindreds"
LBA	Landegren et al., <i>Genome Research</i> : 769-776, 1998 "Reading Bits of Genetic Information: Methods for Single-Nucleotide Polymorphism Analysis"

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EXAMINER <i>Irena N. Merenkova</i>	DATE CONSIDERED <i>3/12/02</i>
*EXAMINER: INITIAL IF CITATION CONSIDERED, WHETHER OR NOT CITATION IS IN CONFORMANCE WITH MPEP 609; DRAW LINE THROUGH CITATION IF NOT IN CONFORMANCE AND NOT CONSIDERED, INCLUDE COPY OF THIS FORM WITH NEXT COMMUNICATION TO APPLICANT.	

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(USE SEVERAL SHEETS IF NECESSARY)		FILING DATE December 23, 1999	NOV 15 2000
		GROUP 1643	TECH CENTER 1600-2900



U.S. PATENT DOCUMENTS						
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (IF APPROPRIATE)
LBA	5,888,819	03/30/99	Goelet et al.	435	5	
LBA	6,004,744	12/21/99	Goelet et al.	435	5	
LBA	6,013,431	01/11/2000	Söderlund et al.	435	5	

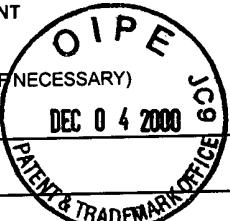
  

FOREIGN PATENT DOCUMENTS						
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION
						YES
LBA	EP 0 648 280 B1	05/12/99	Europe			
LBA	WO 91/13075	09/05/91	PCT			

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT		RECEIVED	
(USE SEVERAL SHEETS IF NECESSARY)		APPLICANT Irene N. Merenkova	DEC 8 2000
DEC 04 2000		FILING DATE December 23, 1999	GROUP 1643-1634 TECH CENTER 1600/2900

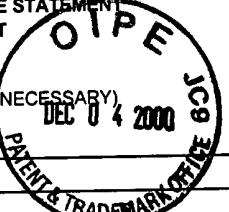


## U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (IF APPROPRIATE)
LBA	5,679,524	10/21/97	Nikiforov et al.	435	6	
LBA	5,741,676	04/21/98	Fuller	435	91.1	

EXAMINER INITIAL	OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)
LBA	Ross et al., <i>Analytical Chemistry</i> , Vol. 69, No. 20, October 15, 1997, pp. 4197-4202 "Discrimination of Single-Nucleotide Polymorphisms in Human DNA Using Peptide Nucleic Acid Probes Detected by MALDI-TOF Mass Spectrometry"
LBA	Marino et al., <i>Electrophoresis</i> , Vol. 17, 1996, pp. 1499-1504 "Characterization of mitochondrial DNA using low-stringency single specific primer amplification analyzed by laser induced fluorescence - capillary electrophoresis"
LBA	Nikiforov et al., <i>Nucleic Acids Research</i> , Vol. 22, No. 20, 1994, pp. 4167-4175 "Genetic Bit Analysis: a solid phase method for typing single nucleotide polymorphisms" /
LBA	Hecker et al., <i>Analytical Biochemistry</i> , Vo. 272, 1999, pp. 156-164 "Mutation Detection by Denaturing DNA Chromatography Using Fluorescently Labeled Polymerase Chain Reaction Products"
LBA	Lee et al., <i>BioTechniques</i> , Vol. 27, No. 2, August 1999, pp. 342-349 "Seven-Color, Homogeneous Detection of Six PCR Products" X
LBA	Fei et al., <i>Nucleic Acids Research</i> , Vol. 26, No. 11, 1998, pp. 2827-2828 "MALDI-TOF mass spectrometric typing of single nucleotide polymorphisms with mass-tagged ddNTPs"
	Haff et al., <i>Nucleic Acids Research</i> , Vol. 25, No. 18, 1997, pp. 3749-3750 "Multiplex genotyping of PCR products with MassTag-labeled primers" /
LBA	Ross et al., <i>Nature Biotechnology</i> , Vol. 16, December 1998, pp. 1347-1351 "High level multiplex genotyping by MALDI-TOF mass spectrometry"
LBA	Pastinen et al., <i>Clinical Chemistry</i> , Vol. 42, No. 9, 1996, pp. 1391-1397 "Multiplex, fluorescent, solid-phase minisequencing for efficient screening of DNA sequence variation" - /
LBA	Giordano et al., <i>Genomics</i> , Vol. 56, 1999, pp. 247-253 "Identification by Denaturing High-Performance Liquid Chromatography of Numerous Polymorphisms in a Candidate Region for Multiple Sclerosis Susceptibility" /
LBA	Li et al., <i>Electrophoresis</i> , Vol. 20, 1999, pp. 1258-1265 "Single nucleotide polymorphism determination using primer extension and time-of-flight mass spectrometry" ✓
LBA	Hoogendoom et al., <i>Hum Genet</i> , Vol. 104, 1999, pp. 89-93 "Genotyping single nucleotide polymorphisms by primer extension and high performance liquid chromatography" /
LBA	Haff et al., <i>Genome Research</i> , Vol. 7, 1997, pp. 378-388 "Single-Nucleotide Polymorphism Identification Assays Using a Thermostable DNA Polymerase and Delayed Extraction MALDI-TOF Mass Spectrometry"
LBA	Liu et al., <i>Nucleic Acids Research</i> , Vol 26, No. 6, 1998, pp. 1396-1400 "Denaturing high performance liquid chromatography (DHPLC) used in the detection of germline and somatic mutations"
LBA	Bogaert et al., <i>Am. J. Hum. Genet</i> , Vol. 55, 1994, pp. 1128-1136 "Expression, in Cartilage, of a 7-Amino-Acid Deletion in Type II Collage from Two Unrelated Individuals with Kniest Dysplasia" /
LBA	Whitney et al., <i>Experimental Hematology</i> , Vol. 22, 1994, pp. 866-874 "The molecular basis of canine pyruvate kinase deficiency"

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		FILING DATE December 23, 1999	GROUP 1643 1634

EXAMINER INITIAL  LBA	OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)
	Coillie et al., <i>Biochemistry</i> , Vol. 37, 1998, pp. 12672-12680 "Functional Comparison of Two Human Monocyte Chemotactic Protein-2 Isoforms, Role of the Amino-Terminal Pyroglutamic Acid and Processing by CD26/Dipeptidyl Peptidase IV"
	GENBANK ACCESSION NO. U41213, Posted on GENBANK November 29, 1995 "Structure of the human MSH2 locus and analysis of two Muir-Torre kindreds for msh2 mutations"

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